

HARRY MILLER CORP.  
INDUSTRIAL CHEMICALS

DATE 10/10/85

Form No. OSHA-20

U.S. DEPARTMENT OF LABOR  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
**MATERIAL SAFETY DATA SHEET**

REC'D DEC 15 1987

**SECTION I**

<b>MANUFACTURER'S NAME</b> HARRY MILLER CORPORATION		<b>EMERGENCY TELEPHONE NO.</b> (215) 324-4000
<b>ADDRESS (Number, Street, City, State and ZIP Code)</b> 4th & BRISTOL STS., PHILA., PA 19140		
<b>CHEMICAL NAME AND SYNONYMS</b>	<b>TRADE NAME AND SYNONYMS</b> Activol 1357	
<b>CHEMICAL FAMILY</b> Synthetic detergents, wetting agents, water	<b>FORMULA</b>	

**SECTION II HAZARDOUS INGREDIENTS**

	%	TLV (UNITS)
This product does not contain any substances listed as hazardous in Hazard Communication Standard (CFR 1910.1200).		

**SECTION III PHYSICAL DATA**

<b>BOILING RANGE</b>	214°F	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.011
<b>VAPOR PRESSURE (mm Hg.)</b> 20°C	17.5	<b>PERCENT VOLATILE BY VOLUME (%)</b>	75%
<b>VAPOR DENSITY (AIR=1)</b>	>1	<b>EVAPORATION RATE</b> ( _____ ether _____ = 1)	<1.0
<b>SOLUBILITY IN WATER</b>	complete		

**APPEARANCE AND ODOR**  
Clear, green liquid; surfactant odor

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (Method Used)</b> N/A (water based)	<b>FLAMMABLE OR EXPLOSIVE LIMITS</b> (PERCENT BY VOLUME IN AIR)	<b>LOWER LIMIT</b>	<b>UPPER LIMIT</b>
		N/A	N/A
<b>EXTINGUISHING MEDIA</b> Not required			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Not required			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> None			

## SECTION V HEALTH HAZARD DATA

### THRESHOLD LIMIT VALUE

Probable LD<sub>50</sub> (rats) = 5ml/kg

### EFFECTS OF OVEREXPOSURE

**DANGER! EYE IRRITANT** Causes eye irritation if splashed into eyes.

### EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush promptly with water for at least 15 minutes. Call a physician.  
 Skin Contact: Wash promptly with soap and water.  
 Ingestion: Call a physician promptly. Do not induce vomiting. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)  
None

HAZARDOUS DECOMPOSITION PRODUCTS  
None

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water

### WASTE DISPOSAL METHOD

Secondary sewage treatment

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)  
Not required

VENTILATION  
N/A

PROTECTIVE GLOVES  
Not required

EYE PROTECTION  
Safety Glasses

OTHER PROTECTIVE EQUIPMENT  
Not required

## SECTION IX SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Normal drum storage

### OTHER PRECAUTIONS

Empty Container Warning: Since containers contain product residue, observe all label precautions after container is empty. Do not cut, drill, grind or weld on or near this container. Do not reuse unless thoroughly cleaned.

FOR ADDITIONAL INFORMATION ON HEALTH EFFECTS CONTACT:

Director of Industrial Hygiene  
(215) 324-4000

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